Amendments To The Claims:

Please amend the claims as shown. Applicant reserves the right to pursue any cancelled claims at a later date.

1.-15. (canceled)

16. (new) A device for controlling an authentication in a telecommunications device, comprising:

a subscriber terminal device in a customer premises equipment;

a connection connecting the subscriber terminal device to an exchange via an external data transmission interface having a physical data transmission channel and an authentication channel;

an internal data transmission interface operatively connected to the customer premises equipment; and

a control unit for monitoring data traffic and for controlling logon and logoff procedures in the authentication channel based on the monitored data traffic, the data traffic selected from the group consisting of traffic on the external data transmission interface, upstream traffic on the internal data transmission interface, and combinations thereof.

17. (new) The device according to claim 16, wherein the control unit monitors the data traffic for a duration of time.

18. (new) The device according to claim 17, wherein the logoff procedure is carried out in the authentication channel if data or the data traffic is not detected within the duration of time.

19. (new) The device according to claim 16, wherein the data traffic on the external data transmission is montitored in a downstream direction.

20.     (new) The device according to claim 16, wherein the subscriber terminal device includes an xDSL modem.

21.     (new) The device according to claim 16, wherein the external data transmission interface is embodied in accordance with the ITU G.992.1 standard.

22.     (new) The device according to claim 16, wherein the external data transmission interface is embodied in accordance with the ITU G.992.2 standard.

23.     (new) The device according to claim 16, wherein the authentication channel has an authentication protocol embodied in accordance with a point-to-point protocol.

24.     (new) The device according to claim 16, wherein the authentication channel has an authentication protocol embodied in accordance with a point-to-point over Ethernet protocol.

25.     (new) The device according to claim 16, wherein the internal data transmission interface is connected to a data processing unit in the customer premises equipment.

26.     (new) The device according to claim 16, wherein the control unit controls the physical data transmission channel based on the monitored data traffic.

27.     (new) The device according to claim 16, wherein the data transmission channel of the external data transmission interface is active.

28.     (new) The device according to claim 16, wherein internal data transmission interface is within the customer premises equipment.

29.     A method for controlling an authentication in a telecommunications network, comprising:

providing an external data transmission interface having a physical data transmission channel and an authentication channel;

monitoring a data traffic selected from the group comprising of data on the external data transmission interface, downstream data on an internal data transmission interface, and combinations thereof; and

controlling logon/logoff procedures in the authentication channel based on the monitored data traffic.

30.    (new) The method according to claim 29, wherein the data traffic is monitored for a specified duration of time.

31.    (new) The method according to claim 29, wherein a downstream of the external data transmission interface is monitored.

32.    (new) The method according to claim 29, wherein the subscriber terminal device includes an xDSL modem and the external data transmission interface transmits data embodied in accordance with the ITU G.992.1 standard or the ITU G.992.2 standard.

33.    (new) The method according to claim 29, further comprising controlling the physical data transmission channel of the external data transmission interface based on the monitored data traffic.

34.    (new) The method according to claim 29, where in the data transmission is active.